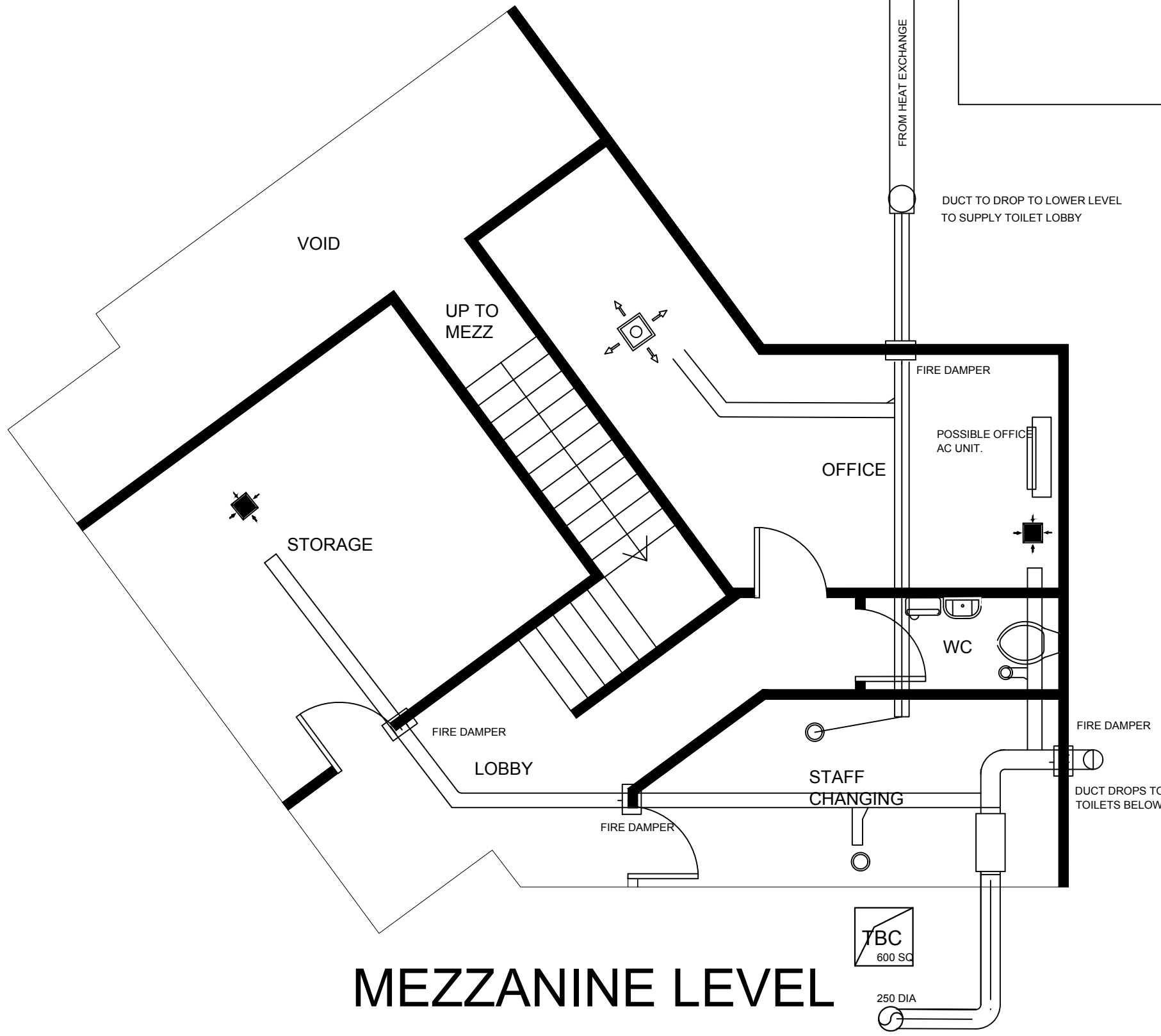
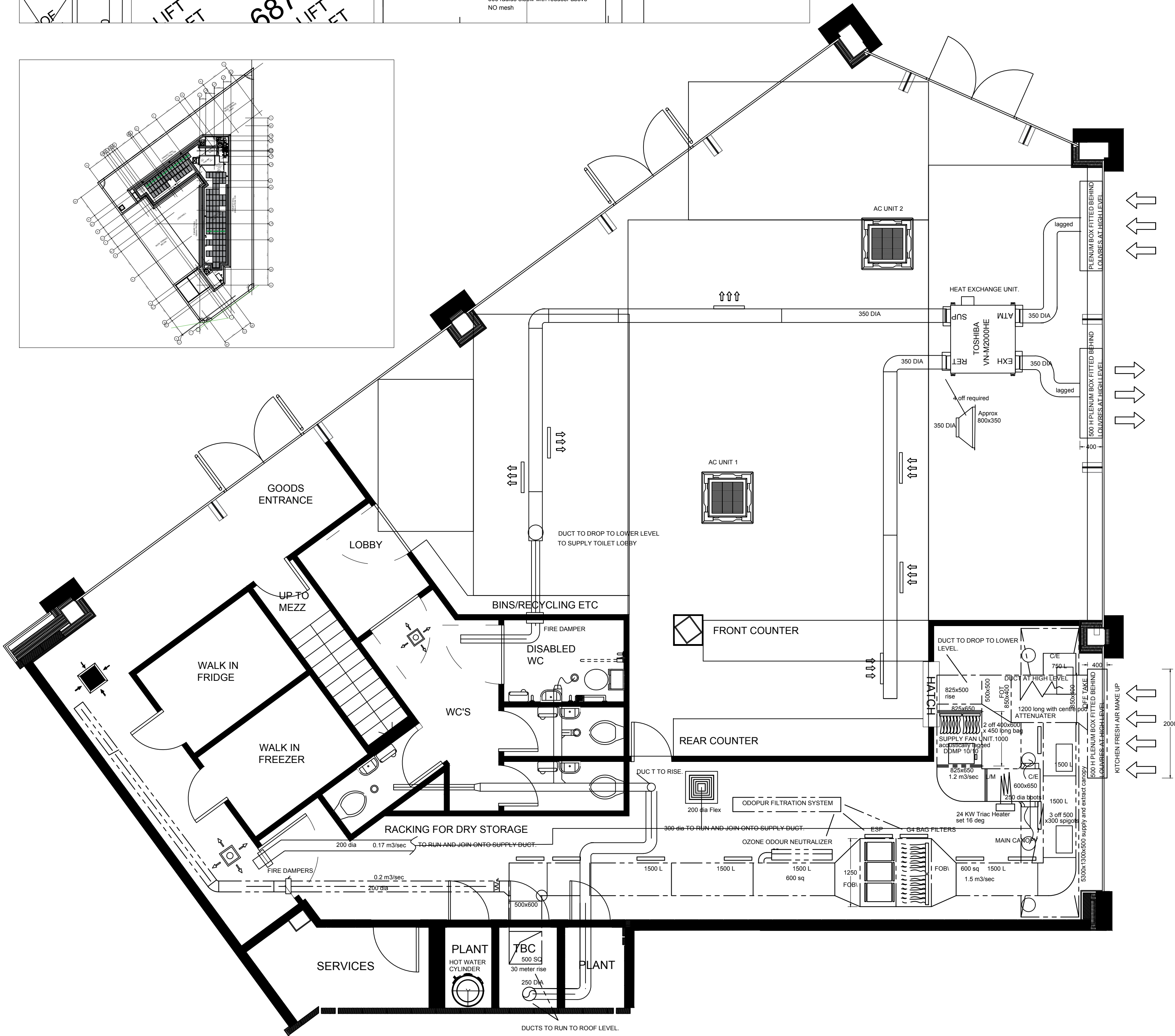
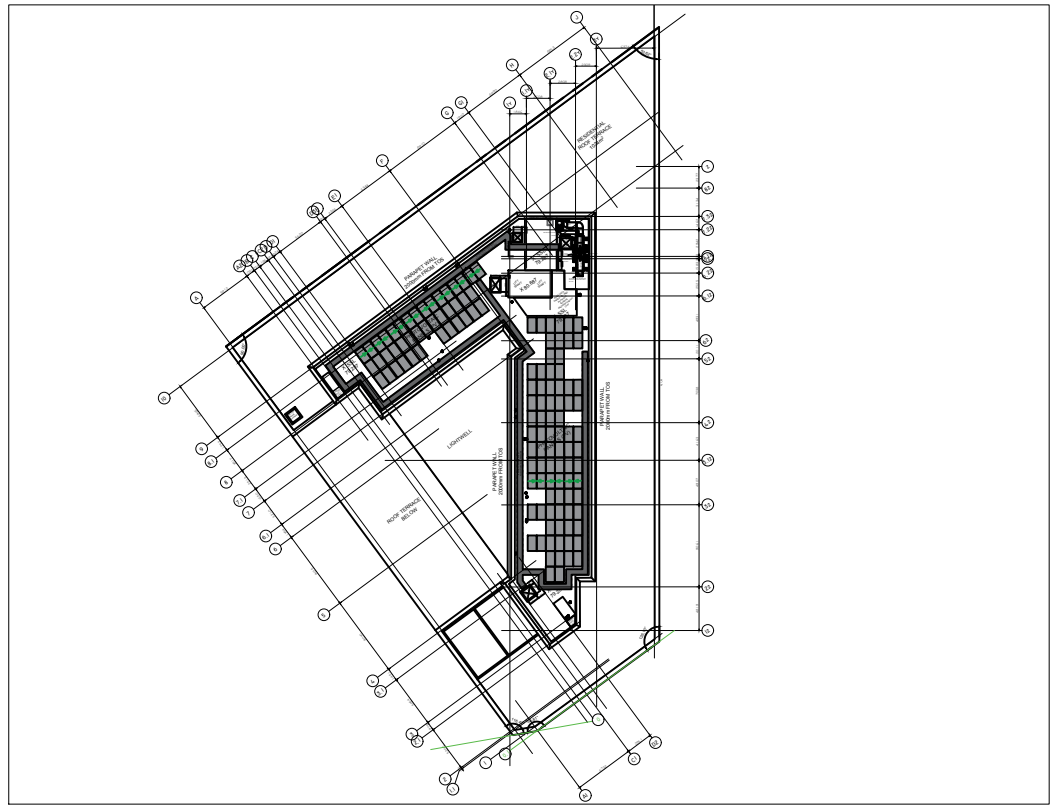
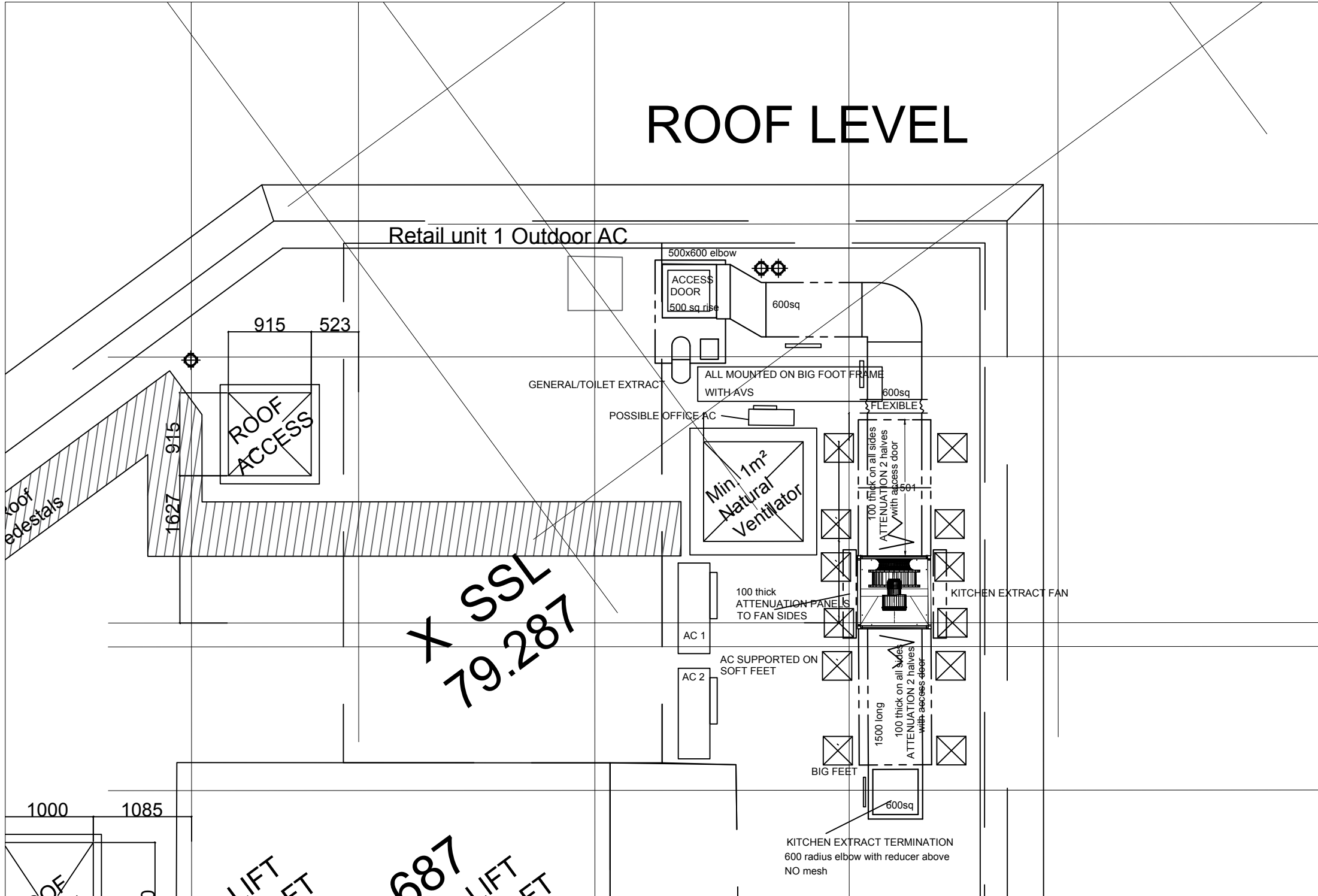




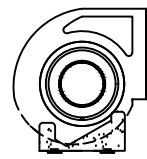
VN-M2000HE
Standard Heat Exchanger
Sound Pressure (Ex High) (dB(A)) 42.5

General Extract/toilet fan.
SOLER PALAU TD SILENT FANS.
TD 1300/250 DIA 35 dBA @ 1M



KITCHEN EXTRACT FAN

EXTRACT FAN SOUND DATA										
FAN MBL962 560 DV-A2										
	TOT	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
SURROUNDING	64	51	53	57	59	58	55	50	43	
INLET	79	66	68	72	74	73	70	65	58	
OUTLET	81	68	70	74	76	75	72	67	60	



SUPPLY FAN INLET										
FAN NICOTRA 10-16 EC FAN 64dBA										
	LA	63 Hz	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	
NICOTRA	64									
INLET		+3.7	+0.4	-3.6	-3.0	-3.7	-8.4	-15.9	-22.9	
LWA		68	64	61	61	60	56	48	41	

Ventilation Canopy

CANOPY TO BE CONSTRUCTED FROM 304 STAINLESS STEEL AND SIZED IN ACCORDANCE WITH DW 172 SPECIFICATIONS WITH HEAT PROOF LIGHT FITTINGS TO PROVIDE AN LUMINANCE LEVEL OF NOT LESS THAN 400 LUX UPON THE COOKING EQUIPMENT COMPLETE WITH AN INTEGRAL FULL LENGTH FILTER HOUSING TO CONTAIN STAINLESS STEEL BAFFLE TYPE FILTERS.

THE GREASE LADEN AIR IS FORCED THROUGH THE BAFFLES CAUSING THE GREASE PARTICLES TO BE THROWN TO THE SIDES BY CENTRIFUGAL ACTION. THE FILTERS SMOOTH SURFACE ALLOWS THE GREASE TO RUN BY GRAVITY DOWN TO THE BASE OF THE FILTER AND THROUGH SMALL HOLES INTO A FORMED TROUGH AND FINALLY INTO A GREASE COLLECTION DRAWERS. THE STAINLESS STEEL CONSTRUCTION ALLOWS THE FILTERS TO BE CLEANED IN A DISHWASHER WITHOUT CORROSION.

SECOND STAGE FILTRATION
2 X 600 SQUARE G4 PRE FILTERS.

THIRD STAGE FILTRATION
1 x ESP 4500.

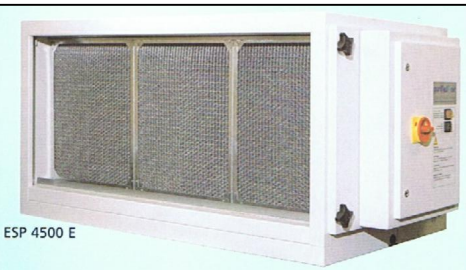
FORTH STAGE FILTRATION
1 x OZONE INJECTION. LVO 1000 unit.

DUCTWORK TO BE CONSTRUCTED FROM MILD STEEL TO DW 144 SPECIFICATIONS. THE DUCTWORK TO HAVE ADEQUATE ACCESS DOORS TO ALLOW PERIODIC CLEANING.

SUPPLY AIR WILL BE PROVIDED BY MEANS OF A DEDICATED SUPPLY FAN COMPLETE WITH FILTERS AND HORIZONTAL AIR INTAKE TERMINATION.



GREASE FILTERS.

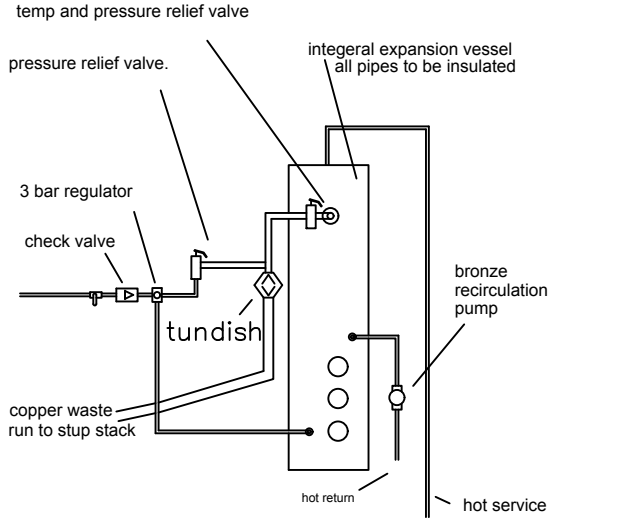


ESP 4500

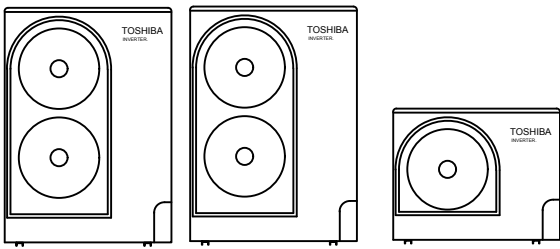


UVO1000

HOT WATER
300DD MAINS PRESSURE
MEGA FLOW WITH 3 IMMERSION
HEATERS, BRONZE RETURN PUMP.
(1.89 KWh/day 65 Deg C).



Air Conditioning units.



TOSHIBA RAV-GP1401AT SUPER UNITS
EXTERNAL AIR CONDITIONING
FULL DEMAND SOUND PRESSURE LEVEL 50/51 dBA @ 1M

Ac units are digital inverter driven compressors to provide perfect control of power and with soft start ensures low operating noise.

Client:	The Vurger Co.
Project Name:	Manchester
Drawing Title:	Proposed Mechanical scheme.
Drawing Status:	FOR APPROVAL
Paper Size:	A1
Scale:	1:50
Date:	20.08.21
Drawn By:	GBC
Drawing No:	LX-10351-01

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